decision making is to reduce potentially excessive recompilation of the same allocation methods.

In the Claims

Please replace claims 8, 9, and 34 with the following amended claims:

8. (Amended) The method of claim 1,
wherein the object lifetime statistics are represented as mean lifetimes.

9. (Amended) The method of claim 1,
wherein the object lifetime statistics are calculated using an average birth date.

34. (Amended) The object sampling facility of claim 30, further comprising:
an object sampler referencing the sampled subset via the weak reference instances and
  maintaining object lifetime statistics based on the associated allocation-time
  information and sampled state of the sampled subset.

Please add the following new claims 43-47:

43. (New) The method of claim 1,
wherein at least some of the sampled subset of the object instances are sampled
  coincident with death of respective ones of the sampled memory objects.

44. (New) The method of claim 16,
wherein at least some of the sampling is performed coincident with death of respective
  ones of the sampled instances.

45. (New) The object sampling facility of claim 30,
wherein at least some of the sampled subset of objects are sampled coincident with death
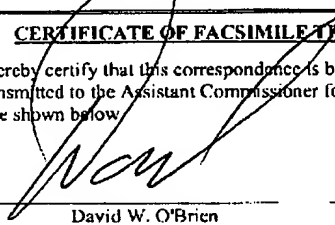 of respective ones of the sampled objects.

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46.   (New) A computer program product as recited in claim 38,

whereIn at least some of the sampling is performed coincident with death of respective

ones of the sampled objects.

47.   (New) The apparatus of claim 42,

wherein at least some of the sampled instances are sampled coincident with death of

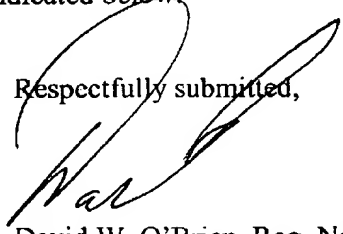respective ones of the sampled instances.

REMARKS

No new matter has been added. Examination on the merits is respectfully requested.

If the Examiner has any questions, Applicants respectfully request that the Examiner

contact the undersigned at the telephone number indicated below.

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence is being facsimile
transmitted to the Assistant Commissioner for Patents, on the
date shown below.

1-22-03

David W. O'Brien   Date

Respectfully submitted,

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